



KING COUNTY ENGINEER V

DEPARTMENT OF NATURAL RESOURCES/WASTEWATER TREATMENT DIVISION

(Two Positions in the Major Capital Program)

Annual Salary Range: \$56,916 – \$80,263

Job Announcement: 04EM4242

OPEN: 5/24/04

CLOSE: 6/4/04

REPOSTED: Please note change in Requirements. If you have already submitted an application for this position, you will not need to reapply.

WHO MAY APPLY: These career service positions are open to all qualified applicants. Additional consideration will be provided to current King County career service employees.

WHERE TO APPLY: Required forms and materials must be submitted to **Wastewater Treatment Division-HR, 201 S. Jackson St., MS-KSC-NR-0511, Seattle, WA 98104**. **PLEASE NOTE:** Applications not received at the location specified above may not be processed. Application materials must be received by 5:00 p.m. on the closing date. (Postmarks are NOT ACCEPTED.) Contact Kathy Loland at (206) 684-1464 for additional information.

FORMS AND MATERIALS REQUIRED: A [King County application form](http://www.metrokc.gov/ohrm/jobs/JobApplications.htm), resume and letter of qualification that details how your education and experience meet or exceed the qualifications required to perform the job duties of the position. Application forms may be downloaded from <http://www.metrokc.gov/ohrm/jobs/JobApplications.htm>

WORK LOCATION: King Street Center, 401 2nd Ave. S., Seattle, Washington 98104 or a project office in Woodinville, Washington or field locations as necessary dependent on project assignment.

WORK SCHEDULE: These full-time positions are overtime exempt. The positions work a 40 hour workweek; Monday - Friday. Some evening and weekend work may be required as well as being available for emergency response.

PRIMARY JOB DUTIES INCLUDE: These positions will manage specific engineering elements of wastewater treatment and wastewater conveyance projects including projects such as the Brightwater Treatment Plant, Sammamish Water Reuse and the Carnation Treatment Plant. The positions require leadership, participation in community meetings, design management, management of acquisition of complex local, state and federal permits, and the ability to serve as one of King County's representatives to the various communities impacted by, and/or participating in the various projects. Work is performed with minimal supervision.

1. Manage design, permitting, and construction of treatment plant and conveyance projects. Initially, work will focus on either the Brightwater Treatment Plant or Sammamish Water Reuse and the Carnation Treatment Plant. Future assignments will include upgrades to existing King County treatment and conveyance facilities, including water reclamation projects.
2. Lead the development of project teams including definition of roles and responsibilities. Lead project team members in formulating the scope of work, capital budget preparation, and staffing requirements for the project. Organize and direct the work of assigned project team members and support staff. Direct the establishment and maintenance of project files.
3. Direct the evaluation, selection and negotiation of professional contracts in support of treatment plant projects. Monitor, review and oversee the progress of consultants, contractors and vendors to assure compliance with contract documents, applicable codes and regulations. Negotiate contract amendments in accordance with King County policies and procedures. Procure necessary construction management services for the construction phase of projects.

KING COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER. JOB ANNOUNCEMENTS ARE AVAILABLE IN ALTERNATIVE FORMATS FOR PERSONS WITH DISABILITIES.

4. Lead project teams throughout the project development, design and implementation process. Fully coordinate all project activities with appropriate County work sections and external jurisdictions.
5. Manage specific engineering design elements of wastewater treatment and conveyance projects. Review and direct the review by other team members of project plans and specifications for completeness, accuracy, content and constructability. Coordinate obtaining the necessary permits, right-of-way acquisitions, grants and environmental review prior to construction.
6. Manage the production of construction bid documents and procurement of the resultant construction contract. Continue to manage the projects or elements through construction, startup and commissioning.
7. Plan and participate in public meetings and hearings required for successful implementation of treatment plant, conveyance and water reuse projects.
8. Participate in various grant application processes related to treatment plant projects.
9. Develop and nurture various partnerships with interest groups and other entities as part of wastewater projects.
10. Review and approve progress payments on assigned projects.
11. Other duties as assigned.

QUALIFICATIONS:

- A degree in engineering and four years of engineering, or closely related technical experience with experience in project management required beyond experience required under professional registration (i.e., Degree + PE + 4 yrs), or twelve years of engineering or closely related technical experience with experience in project management (i.e., Degree + no PE + 12 yrs).
- Demonstrated ability to establish and maintain effective working relationships and resolve conflicts with consultants, contractors, vendors, governmental officials and citizen organizations when implementing assigned projects.
- Demonstrated analytical and technical abilities required to make timely recommendations that can influence the cost and effectiveness of existing and planned facilities.
- Demonstrated excellent communication skills and ability to effectively direct the work of others.

NECESSARY SPECIAL REQUIREMENTS:

- Valid Washington State driver's license or out-of-state equivalent. The selected candidate must provide a complete 5- year driving abstract final to prior job offer.
- Thorough and demonstrable knowledge of various project management and planning techniques, principles and practices.
- Experience leading a project team consisting of multiple engineering and technical disciplines.
- Demonstrated ability to work independently and with minimal supervision on a number of projects simultaneously
- Knowledge of municipal wastewater treatment plant processes is required.
- Understanding of local government mandates and programs.
- Ability to work under pressure to meet deadlines, sometimes for extended work hours, while producing high quality work.
- Ability to recognize, breakdown and analyze a number of complex issues simultaneously.
- Proficiency in Windows-based computer applications including Word for Windows, Excel, Access and Internet applications.

HIGHLY DESIRABLE:

- **Washington State Registered Professional Engineer.**
- Experience with the management of complex wastewater treatment and/or conveyance and water reuse related capital projects involving rigorous permitting and public involvement.
- Experience leading public meetings and presentations and demonstrated proficiency in communicating complex technical subjects to the general public and government officials.
- Understanding of local, state and federal permitting requirements including special requirements to comply with Section 7 of the Endangered Species Act.

UNION MEMBERSHIP: This position is represented by the Technical Employees Association (TEA).

Class Code: 400701